

The Second Longitudinal Study of Aging (LSOA II) Linked Mortality File Restricted-use File Layout

<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>PUBLICID</i>	character	LSOA II Public-use Id – See Detailed Notes
<i>ELIGSTAT</i>	numeric	Eligibility Status for Mortality Follow-up – See Detailed Notes 1 Eligible 3 Ineligible
Death Information		
<i>MORTSTAT</i>	numeric	Final Mortality Status – See Detailed Notes 0 Assumed alive 1 Assumed deceased Blank Ineligible
<i>MORTSRCE_DCL</i>	numeric	Mortality Source: Data Collection – See Detailed Notes 0 No 1 Yes Blank Ineligible or assumed alive
<i>MORTSRCE_NDI</i>	numeric	Mortality Source: NDI Match – See Detailed Notes 0 No 1 Yes Blank Ineligible or assumed alive
<i>MORTSRCE_SSA</i>	numeric	Mortality Source: SSA Information – See Detailed Notes 0 No 1 Yes Blank Ineligible or assumed alive
<i>MORTSRCE_CMS</i>	numeric	Mortality Source: CMS Information – See Detailed Notes 0 No 1 Yes Blank Ineligible or assumed alive

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>DODMONTH</i>	numeric	Month of Death
		01 January
		02 February
		03 March
		04 April
		05 May
		06 June
		07 July
		08 August
		09 September
		10 October
		11 November
		12 December
		99 Unavailable
		Blank Ineligible or assumed alive
<i>DODDAY</i>	numeric	Day of Death
		01 - 31 Day
		99 Unavailable
		Blank Ineligible or assumed alive
<i>DODYEAR</i>	numeric	Year of Death
		1994 - 2006 Year
		9999 Unavailable
		Blank Ineligible or assumed alive
<i>AGEDEATH</i>	numeric	Age at Death – See Detailed Notes
		70 -109 Age in years
		Blank Ineligible, assumed alive, or unavailable
<i>AGEPRALV</i>	numeric	Age When Last Presumed Alive (as of December 31, 2006) See Detailed Notes
		81- 105 Age in years
		Blank Ineligible or assumed deceased

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
Death Certificate Data		
<i>CAUSEAVL</i>	numeric	Cause of Death Data Available – See Detailed Notes
		0 No
		1 Yes
		Blank Ineligible or assumed alive
<i>ICD_9REV</i>	char	ICD-9 Underlying Cause of Death (1994-1998) See Underlying and Multiple Causes
		001 – 999 Code range
		Blank Cause of death data not available or death after 1998
<i>UCOD_282</i>	char	ICD-9 (1994-1998) Underlying Cause of Death 282 Groups Recode See Underlying and Multiple Causes
		00300 – 35800 Code range
		Blank Cause of death data not available or death after 1998
<i>UCOD_72</i>	char	ICD-9 (1994-1998) Underlying Cause of Death 72 Groups Recode See Underlying and Multiple Causes
		010 – 840 Code range
		Blank Cause of death data not available or death after 1998
<i>UCOD_34</i>	char	ICD-9 (1994-1998) Underlying Cause of Death 34 Groups Recode See Underlying and Multiple Causes
		010 – 370 Code range
		Blank Cause of death data not available or death after 1998
<i>ICD_10REV</i>	char	ICD-10 Underlying Cause of Death (1999-2006) See Underlying and Multiple Causes
		A00 – Y89.9 Code range
		Blank Cause of death data not available or death before 1999

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>UCOD_358</i>	char	ICD-10 (1999-2006) Underlying Cause of Death 358 Groups Recode See Underlying and Multiple Causes
		001 – 456 Code range Blank Cause of death data not available or death before 1999
<i>UCOD_39</i>	char	ICD-10 (1999-2006) Underlying Cause of Death 39 Groups Recode See Underlying and Multiple Causes
		001 – 042 Code range Blank Cause of death data not available or death before 1999
<i>UCOD_113</i>	char	ICD-10 (all years) Underlying Cause of Death 113 Groups Recode See Underlying and Multiple Causes
		001 – 135 Code range Blank Cause of death data not available

Multiple Cause of Death Conditions

<i>NUMENTAX</i>	numeric	Number of Entity Axis Conditions See Underlying and Multiple Causes
		00 – 20 Code range Blank Cause of death code not available
<i>COND_1</i>	char	Entity Axis 1 st Condition
<i>COND_2</i>	char	Entity Axis 2 nd Condition
<i>COND_3</i>	char	Entity Axis 3 rd Condition
<i>COND_4</i>	char	Entity Axis 4 th Condition
<i>COND_5</i>	char	Entity Axis 5 th Condition
<i>COND_6</i>	char	Entity Axis 6 th Condition
<i>COND_7</i>	char	Entity Axis 7 th Condition
<i>COND_8</i>	char	Entity Axis 8 th Condition
<i>COND_9</i>	char	Entity Axis 9 th Condition
<i>COND_10</i>	char	Entity Axis 10 th Condition
<i>COND_11</i>	char	Entity Axis 11 th Condition
<i>COND_12</i>	char	Entity Axis 12 th Condition
<i>COND_13</i>	char	Entity Axis 13 th Condition
<i>COND_14</i>	char	Entity Axis 14 th Condition
<i>COND_15</i>	char	Entity Axis 15 th Condition

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>COND_16</i>	char	Entity Axis 16 th Condition
<i>COND_17</i>	char	Entity Axis 17 th Condition
<i>COND_18</i>	char	Entity Axis 18 th Condition
<i>COND_19</i>	char	Entity Axis 19 th Condition
<i>COND_20</i>	char	Entity Axis 20 th Condition
<i>NUMRAXCN</i>	numeric	Number of Record Axis Conditions See Underlying and Multiple Causes
		00 – 20 Code range
		Blank Cause of death code not available
<i>RCOND_1</i>	char	Record Axis 1 st Condition
<i>RCOND_2</i>	char	Record Axis 2 nd Condition
<i>RCOND_3</i>	char	Record Axis 3 rd Condition
<i>RCOND_4</i>	char	Record Axis 4 th Condition
<i>RCOND_5</i>	char	Record Axis 5 th Condition
<i>RCOND_6</i>	char	Record Axis 6 th Condition
<i>RCOND_7</i>	char	Record Axis 7 th Condition
<i>RCOND_8</i>	char	Record Axis 8 th Condition
<i>RCOND_9</i>	char	Record Axis 9 th Condition
<i>RCOND_10</i>	char	Record Axis 10 th Condition
<i>RCOND_11</i>	char	Record Axis 11 th Condition
<i>RCOND_12</i>	char	Record Axis 12 th Condition
<i>RCOND_13</i>	char	Record Axis 13 th Condition
<i>RCOND_14</i>	char	Record Axis 14 th Condition
<i>RCOND_15</i>	char	Record Axis 15 th Condition
<i>RCOND_16</i>	char	Record Axis 16 th Condition
<i>RCOND_17</i>	char	Record Axis 17 th Condition
<i>RCOND_18</i>	char	Record Axis 18 th Condition
<i>RCOND_19</i>	char	Record Axis 19 th Condition
<i>RCOND_20</i>	char	Record Axis 20 th Condition

Survey Data

<i>DOBMONTH</i>	numeric	Month of Birth – See Detailed Notes
		01 January
		02 February
		03 March
		04 April

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
		05 May
		06 June
		07 July
		08 August
		09 September
		10 October
		11 November
		12 December
<i>DOBDAY</i>	numeric	Day of Birth – See Detailed Notes
		01 - 31 Day
<i>DOBYEAR</i>	numeric	Year of Birth – See Detailed Notes
		1887 - 1925 Year
<i>INTVMONTH</i>	numeric	Month of SOA II Interview
		01 January
		02 February
		03 March
		04 April
		05 May
		06 June
		07 July
		08 August
		09 September
		10 October
		11 November
		12 December
<i>INTVDAY</i>	numeric	Day of SOA II Interview
		99 Unavailable
<i>INTVYEAR</i>	numeric	Year of SOA II Interview
		1994 - 1996 Year

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<u>VARIABLE</u>	<u>DATA TYPE</u>	<u>FIELD DESCRIPTION</u>
<i>AGEINTV</i>	numeric	Age at SOA II Interview - See Detailed Notes
		70 - 99 Age in years

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PUBLICID – LSOA II Public ID Construction

The data items QUARTER x PSU x WEEK x SEGMENT x HOUSEHOLD NUMBER x PERSON NUMBER identify a LSOA II participant. The following identifying items can be concatenated to create the unique person identifier. Note: The public id variable on the restricted-use LSOA II Linked Mortality File is in character format with an assigned length of 14.

<u>Item</u>	LSOA II Public- use File Location	Variable length	Description
Year (2-digit)	3-4	2	Year of interview
Quarter	5	1	Calendar quarter of interview
PSU	6-8	3	Random recode of PSU
Week	9-10	2	Week of interview within quarter
Segment	11-12	2	Segment number
Household number	13-14	2	Household number
Person number	15-16	2	Person number within household

ELIGSTAT – Eligibility Status for Mortality Follow-Up

LSOA II participants are defined as ineligible for mortality linkage if they had insufficient identifying data to create a National Death Index submission record ([See Mortality Linkage Eligibility, Tables 1 and 2](#)). Please note that there are seven records where there is an indication of deceased status on the LSOA II public-use file but were ineligible for NDI linkage. On the LSOA II Linked Mortality File, these cases are indicated as ineligibles and do not have any mortality information associated with them. Analysts who want to keep these cases as deceased, based upon the survey indication of death, should note that there will be no cause of death information available.

MORTSTAT – Final Mortality Status

The MORTSTAT variable is NCHS’s final determination of vital status and should be used as an outcome variable and to calculate survival. Each LSOA II participant who is eligible for mortality follow-up is assigned a vital status code (0 = assumed alive; 1 = assumed deceased).

MORTALITY SOURCE. NCHS has multiple sources of information to determine the final mortality status of a LSOA II survey participant. Variables indicating which source or sources were used to determine vital status are available on the linked mortality file and are described below. Any combination of these mortality sources was used to identify LSOA II decedents. In a small number of cases, there are inconsistencies in the death information obtained during a LSOA II follow-up period and the LSOA II Linked Mortality File.

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MORTSRCE_DCL – Mortality Source: Data Collection

Death information was obtained during the LSOA II follow-up period. Analysts should note that there are records on the LSOA II public-use file indicating deceased status but were ineligible for NDI matching. On the linked mortality file, these records are classified as ineligible, and thus have no source of mortality.

MORTSRCE_NDI - Mortality Source: NDI Match

A code 1 indicates that mortality status was ascertained through a probabilistic match to a National Death Index (NDI) record.

MORTSRCE_SSA - Mortality Source: SSA Information

A code 1 indicates that mortality status was obtained from the Social Security Administration (SSA).

MORTSRCE_CMS - Mortality Source: CMS Information

A code 1 indicates that mortality status was obtained from the Centers for Medicare and Medicaid Services (CMS).

AGEDEATH – Age at Death

Misreporting or discrepancies in reported age at baseline or date of birth can result in values for age at death that may be inconsistent with baseline age. [See Analytic Guidelines](#).

AGEPRALV – Age When Last Presumed Alive (age as of December 31, 2006)

Misreporting or discrepancies in reported age at baseline or date of birth can result in values for age when last presumed alive that may be inconsistent with baseline age. [See Analytic Guidelines](#).

CAUSEAVL – Cause of Death Data Available

Death certificate data is available only for cases where the variable MORTSTAT=1 and MORTSRCE_NDI = 1. Analysts should note that it is possible to have a NDI match but no cause of death data available.

SURVEY DATA AGE AND DATE OF BIRTH VARIABLES.

Age at interview (AGEINTV) has been provided on the linked mortality files for your convenience. Age has not been top-coded.

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Complete date of birth information has been provided on the linked mortality files for your convenience. Year of birth has not been bottom-coded. Where date of birth information is missing on the LSOA II public-use files, it has been imputed with month = 06, day = 15, and YEAR = SOA II survey year minus the age at interview. In some cases, the date of birth information provided on the LSOA II public-use files is inconsistent with date of interview information and there has been no attempt to reconcile this information.